Codigo configuración

/\* USER CODE BEGIN PV \*/

uint32\_t value\_adc = 0;

uint32\_t value\_dac = 0;

uint16\_t ValPrint[5];

/\* USER CODE END PV \*/

/\* USER CODE BEGIN 2 \*/

HAL\_DAC\_Start(&hdac, DAC\_CHANNEL\_1);

HAL\_DAC\_SetValue(&hdac, DAC\_CHANNEL\_1, DAC\_ALIGN\_12B\_R, value\_dac);

HAL\_ADC\_Start\_IT(&hadc1);

/\* USER CODE END 2 \*/

/\* USER CODE END WHILE \*/

HAL\_GPIO\_TogglePin(LD2\_GPIO\_Port, LD2\_Pin);

**itoa** (value\_adc,ValPrint,10);

HAL\_UART\_Transmit(&huart3, ValPrint, 5, 0xFFFF);

HAL\_UART\_Transmit(&huart3, "\n", 1, 0xFFFF);

HAL\_Delay(100);

HAL\_ADC\_Start\_IT(&hadc1);

/\* USER CODE BEGIN 3 \*/

/\* USER CODE BEGIN 4 \*/

**void** **HAL\_ADC\_ConvCpltCallback**(ADC\_HandleTypeDef \*hadc) {

value\_adc = HAL\_ADC\_GetValue(hadc);

HAL\_DAC\_SetValue(&hdac, DAC\_CHANNEL\_1, DAC\_ALIGN\_12B\_R, value\_dac);

value\_dac = value\_dac + 10;

**if**(value\_dac>4095) {

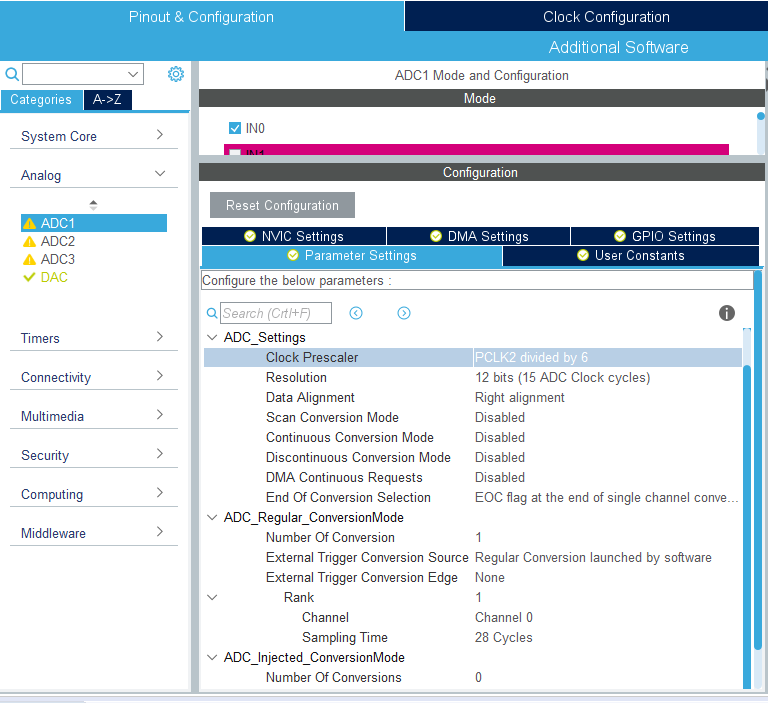
value\_dac = 0;

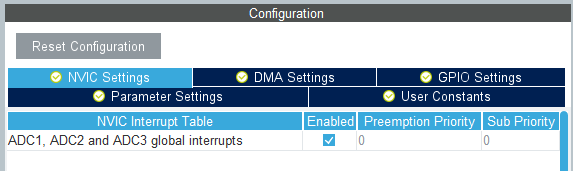
}

}

/\* USER CODE END 4 \*/

Configuración ADC





Configuración DAC

